

Antimony Publications Rejected as Not Acceptable for Plants and Invertebrates

Published literature that reported soil toxicity to terrestrial invertebrates and plants was identified, retrieved and screened. Published literature was deemed Acceptable if it met all 11 study acceptance criteria (Fig. 3.3 in section 3 “DERIVATION OF PLANT AND SOIL INVERTEBRATE ECO-SSLs” and ATTACHMENT J in Standard Operating Procedure #1: Plant and Soil Invertebrate Literature Search and Acquisition). Each study was further screened through nine specific study evaluation criteria (Table 3.2 Summary of Nine Study Evaluation Criteria for Plant and Soil Invertebrate Eco-SSLs, also in section 3 and ATTACHMENT A in Standard Operating Procedure #2: Plant and Soil Invertebrate Literature Evaluation and Data Extraction, Eco-SSL Derivation, Quality Assurance Review, and Technical Write-up.) Publications identified as Not Acceptable did not meet one or more of these criteria. All Not Acceptable publications have been assigned one or more keywords categorizing the reasons for rejection (Table 1. Literature Rejection Categories in Standard Operating Procedure #4: Wildlife TRV Literature Review, Data Extraction and Coding).

No Dur	Ainsworth, N., Cooke, J. A., and Johnson, M. S. 1991. Biological significance of antimony in contaminated grassland. <i>Water Air Soil Pollut.</i> 57-58[0], 193-200
No Dose / ERE	Cataldo, D. A. and Wildung, R. E. 1978. Soil and Plant Factors Influencing the Accumulation of Heavy Metals by Plants. <i>Environ.Health Perspect.</i> 27, 149-159
Species	Crecelius, E. A., Johnson, C. J., and Hofer, G. C. 1974. Contamination of soils Near a Copper Smelter by Arsenic, Antimony, and Lead. <i>Water Air Soil Pollut</i> 3, 337-342
FL	Fuzailov, I. U. M. and Khamidov, A. Kh. 1983. <Translated> wild growing drug plants of the fergana valley, concentrators of antimony. <i>Uzbekskii Biologicheskii Zhurnal.</i> [6], 28-30
FL	Fuzailov, Yu and Khamidov, A. Kh. 1983. Antimony absorption by plants under extreme conditions. <i>Uzb.Biol.Zh.</i> [5], 25-26
No Dur	Ghuman, G. S., Motes, B. G., Fernandez, S. J., Weesner, F. J., and McManus, G. J. Deposition And Resuspension Of Antimony-125 And Cesium-137 In The Soil-Plant System In The Environment Of A Nuclear Fuel Reprocessing Plant. <i>Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-02,-1993</i>
Media	Hara, T., Sonoda, Y., and Iwai, I. 1977. Growth Response of Cabbage Plants to Arsenic and Antimony Under Water Culture Conditions. <i>Soil Sci.Plant Nutr.</i> 23[2], 253-256
Not Avail	Mulder, D. E., Cardinaals, J. M., Mak, J. K., and Van Knippenberg, J. A. J. 1986. Review of Literature Data on Antimony and Some Anorganic Antimony Compounds 38916. <i>NOTOX Toxicol.Res.& Consultancy's Hertogenbosch, and DHV Consulting Eng.B.V., Amersfoort</i>
FL	Piret, T. 1980. Antimony in the Environment. <i>Ann.Gembloux</i> 86[1], 53-60
FL	Rafel, Yu and Popov, Yu. 1988. Validation of Maximum Allowable Concentrations of Antimony in Soil. <i>Gigiena i Sanitariya</i> [1], 63-64
Rev	Slooff, W., Pont, P. F. H., Hesse, J. H., and Loos, B. 1992. Exploratory Report Antimony and Antimony Compounds. <i>RIVM Rep.No.710401 020, The Netherlands</i> , 40

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FL Zyrin, N. G., Kovnatskii, E. F., Roslyakov, N. P., Ryakhovskii, A. V., and Samonov, A. M. 1985. Determination of Arsenic and Antimony in Plants. Yad.-Fiz.Metody Anal.Kontrol' Okruzh.Sredy, Tr.Vses.Soveshch. 228-231